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SEQUENCE LISTING

<110> Keddie, James  
Creelman, Robert  
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Adam, Luc  
Riechmann, Jose Luis  
Heard, Jacqueline  
Samaha, Raymond  
Pilgrim, Marsha  
Pineda, Omaira  
Jiang, Cai-Zhong  
Ratcliffe, Oliver  
Reuber, Lynne

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## Subst\_MBI0022.ST25.txt

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&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 12

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## Subst\_MBI0022.ST25.txt

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Subst\_MBI0022.ST25.txt

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<210> 18  
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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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 gacttcagaa agaggctatg gagcttcgaa ctctcaagct gtctccacaa ttctacggtc 840  
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## Subst\_MBI0022.ST25.txt

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catcatcgaa ccatcaccac aatcacaggc cggtttcgat taacccgtgg attgcttggtg      960
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tcattgtaat tttggatgat tggccttctc atgaactagt catatgtatg atgcaacctt      1140
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<212> DNA
<213> Arabidopsis thaliana

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ggttttaggcc tctcaccaac gcctaataat tacaatcatg ccatcaagaa atcttcctcc      180
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cacagcggca tctcatcttt ctcgagcggg agggtaaaga gagaaagaga aatctccggc      360
ggcgatggag aagaagaggc ggaggagacg acggagagag tgggtgtgtc gagagtgagt      420
gatgatcatg acgatgaaga aggtgttagt gctcgtaaaa agcttagact cactaaacaa      480
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tatttttcgg tgggattgtt ggttgatgaa gaaaaaaaa tagtttgtaa ttacagggtt      1140
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<210> 34  
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<213> Arabidopsis thaliana

<400> 34  
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tggcggttcca ccagatccat cagcagcagc agcagcaaca gctggcacag cagcttcaag 180  
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<210> 35  
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<213> Arabidopsis thaliana

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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 ttcttgtcc atagtcttcc tgtaacattt gactctgtat tattcaacaa atcataaact 2220  
 gtttaatctt tttttttcca 2240

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 <212> DNA  
 <213> Arabidopsis thaliana

<400> 36  
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## Subst\_MBI0022.ST25.txt

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gtattaatta gaggetgcgt tttcaa 1046

<210> 38  
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<212> DNA  
<213> Arabidopsis thaliana

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ttcgtccaaa gggttgagga aagggtgatg gactgctgaa gaagatagtc tcttgaggct 180  
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## Subst\_MBI0022.ST25.txt

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aaaaaaaaa aaa 1033

```

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<210> 39
<211> 1640
<212> DNA
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## Subst\_MBI0022.ST25.txt

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 aaaaaaaaaa aaaaaaaaaa 1640

&lt;210&gt; 40

&lt;211&gt; 1389

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 40

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Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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&lt;210&gt; 42

&lt;211&gt; 1755

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 42

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## Subst\_MBI0022.ST25.txt

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&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 52

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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&lt;210&gt; 54

&lt;211&gt; 1707

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 54

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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agaattatta gctaaggcaa gaaagccata tacaataaca aagcagcgag agcgatggac	420
tgaggatgag catgagaggt ttctagaagc cttgaggctt tatggaagag cttggcaacg	480
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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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```

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<210> 72
<211> 1606
<212> DNA
<213> Arabidopsis thaliana

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acaaagattc atacttttct ccacctccaa tggattccag agagatccac caccaacaac 180
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aacaaccacc gccagggatg ttaatgagtc accacaattc ctacaatcga aaccctaacg 300
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## Subst\_MBI0022.ST25.txt

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 <213> Arabidopsis thaliana

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## Subst\_MBI0022.ST25.txt

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<211> 916
<212> DNA
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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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 <213> Arabidopsis thaliana

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## Subst\_MBI0022.ST25.txt

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&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 78

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&lt;210&gt; 79

&lt;211&gt; 1263

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 79

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## Subst\_MBI0022.ST25.txt

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## Subst\_MBI0022.ST25.txt

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&lt;210&gt; 86

&lt;211&gt; 1196

&lt;212&gt; DNA

&lt;213&gt; Arabidopsis thaliana

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&lt;213&gt; Arabidopsis thaliana

&lt;400&gt; 97

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 35 40 45

Arg Thr Ala Pro Pro Pro Gln Pro Ser Ser Ala Pro Ser Pro Pro Pro  
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Gln Ile His Ala Pro Pro Gly Gln Leu Pro His Pro His Gly Arg Lys  
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Arg Ala Val Ile Cys Gly Ile Ser Tyr Arg Phe Ser Arg His Glu Leu  
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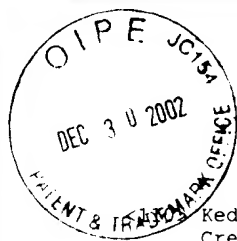
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## SEQUENCE LISTING

MBI0022.ST25

Keddie, James  
Creelman, Robert  
Yu, Guo-Liang  
Adam, Luc  
Riechmann, Jose Luis  
Heard, Jacqueline  
Samaha, Raymond  
Pilgrim, Marsha  
Pineda, Omaira  
Jiang, Cai-Zhong  
Ratcliffe, Oliver  
Reuber, Lynne

&lt;120&gt; Genes for Modifying Plant Traits

&lt;130&gt; MBI-0022

&lt;150&gt; 60/164,132

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&lt;150&gt; 60/197,899

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